

## **SECTION 6: AIRPORT LAYOUT PLAN**

### **GILA BEND MUNICIPAL AIRPORT AIRPORT MASTER PLAN 2003**

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#### **INTRODUCTION**

The Airport Layout Plan (ALP) is the Federal Aviation Administration's official planning document for airport development. The ALP is a graphic depiction of the airport's existing facilities and also of the planned ultimate improvements.

The ALP is prepared with reference to FAA Advisory Circular AC 150/5300-13 (Airport Design), Appendix 7, Airport Layout Plan Components and Preparation. This document provides guidance regarding the required information that must be included on the ALP drawings. Other sections of Airport Design, as well as FAR Part 77 (Objects Affecting Navigable Airspace) and related FAA and ADOT guidance documents are used to determine the minimum design criteria that must be followed in the layout of the future airport facilities.

#### **DEVELOPMENT OF THE GILA BEND ALP**

The ALP for Gila Bend Municipal Airport was developed based on Alternative 1, as presented in Section 5 of this report. This option was selected as the most appropriate for development based on the overall cost of design and construction, as well as its minimal effects to the surrounding environment. Alternative 1 consists of the extension of Runway 4/22 and Taxiway to a total length of 6,500 feet, designed for a non-precision approach greater than 1-statute mile visibility minimum. The pavement width will remain at the existing width of 75 feet. This proposed development is scheduled to occur within the Intermediate Term, assuming a demonstrated need based on a significant increase in larger B-II aircraft.

The ALP base was prepared using a USGS Gila Bend Quadrangle 7.5 Minute Series Topographic map that was published in 1973.

The Gila Bend Municipal Airport ALP consists of the following drawings:

Title Sheet . . . . .	Sheet 1
Airport Layout Plan . . . . .	Sheet 2
Terminal Area Drawing . . . . .	Sheet 3
Runway 04 Approach Plan & Profile . . . . .	Sheet 4
Runway 22 Approach Plan & Profile . . . . .	Sheet 5
Land Use Drawing . . . . .	Sheet 6
Airport Airspace Drawing . . . . .	Sheet 7

The ALP is included on the following pages.